

# EUROPEAN PATENT OFFICE

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APPLICANT : CATALYSTS & CHEM IND CO LTD;

INVENTOR : YAMAMOTO YUKIKO;

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TITLE : COATING COMPOSITION

ABSTRACT : PURPOSE: To obtain the title composition outstanding in adhesivity to substrates and resistance to scratch, hot water, light, acid, etc., of the coating film therefrom, for application on e.g., plastic products by incorporating silica fine granules in a partial condensate from each specific trialkoxy silane and tetra- alkoxy silane.

CONSTITUTION: The objective composition can be obtained by incorporating (A) 100 pts.wt. of a partial condensate of organosilicon compound ( $\text{RSiO}_{3/2} + \text{SiO}_2$ ) produced from A<sub>1</sub>: 100 pts.wt. of a trialkoxy silane of the formula  $\text{RSi}(\text{OR}')_3$  (R is C<sub>1-6</sub> hydrocarbon; R' is C<sub>1-6</sub> alkyl) and A<sub>2</sub>: 20-130 pts.wt. of a tetra- alkoxy silane of the formula  $\text{Si}(\text{OR}^2)_4$  (R<sup>2</sup> is C<sub>1-6</sub> alkyl) with (B) 0.05-200 pts.wt. of silica fine granules and, if needed, (C) 0.02-15 pts.wt. of titania fine granules.

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